

=> d his

(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:50:10 ON 08 SEP 2006

L1 STRUCTURE UPLOADED
L2 4 S L1 SSS SAM
L3 359 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:51:42 ON 08 SEP 2006

L4 338 S L3
L5 1 S L4 AND SULFANYL

FILE 'HOME' ENTERED AT 14:53:33 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:54:08 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:54:46 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:57:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006

L6 1 S 618112-24-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:59:19 ON 08 SEP 2006

L7 STR 618112-24-6
L8 0 S L7 EXA SAM
L9 1 S 618112-24-6/RN

FILE 'USPATFULL' ENTERED AT 15:00:44 ON 08 SEP 2006

L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:02:05 ON 08 SEP 2006

SET TERMSET E#
DEL SEL Y
SEL L6 1 RN
L11 1 S E1/RN
SET TERMSET LOGIN

FILE 'CA' ENTERED AT 15:02:10 ON 08 SEP 2006

L12 1 S L11

FILE 'HOME' ENTERED AT 15:03:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:04:34 ON 08 SEP 2006

FILE 'HOME' ENTERED AT 15:08:12 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 15:23:28 ON 08 SEP 2006

L13 68 S L4 AND NORBORNENE
L14 12 S L3 AND MERCAPTO?
L15 3 S L4 AND SEX?

FILE 'HOME' ENTERED AT 15:30:27 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:52:23 ON 08 SEP 2006

L16 STRUCTURE UPLOADED
L17 1 S L16 SSS SAM
L18 295 S L16 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006

L19 49 S L18

FILE 'HCAPLUS' ENTERED AT 15:57:10 ON 08 SEP 2006

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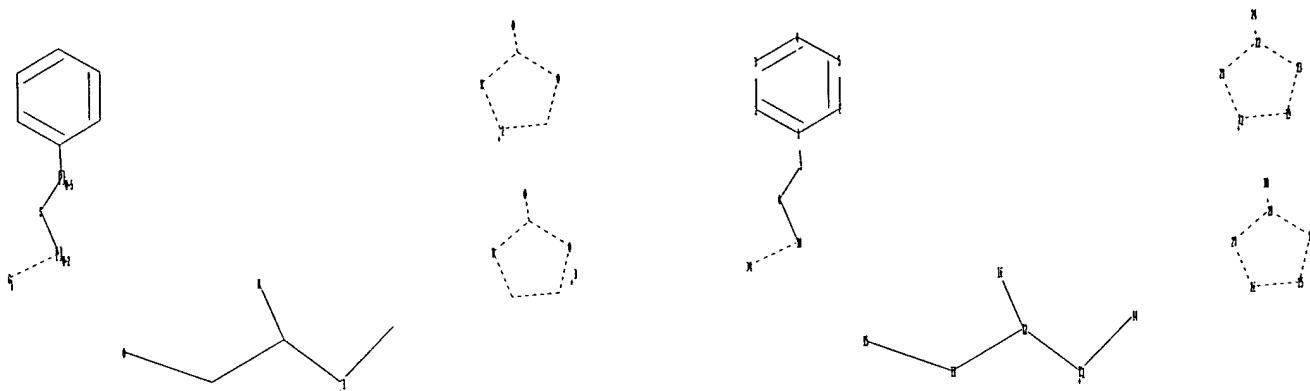
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	66.45	668.11

STN INTERNATIONAL LOGOFF AT 15:58:23 ON 08 SEP 2006



chain nodes :

7 8 11 12 13 14 15 16 18 24 30 34

ring nodes :

1 2 3 4 5 6 19 20 21 22 23 25 26 27 28 29

chain bonds :

1-7 7-8 8-18 11-12 11-15 12-13 12-16 13-14 18-34 22-24 28-30

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-23 20-21 21-22 22-23 25-26 25-29 26-27
27-28 28-29

exact/norm bonds :

7-8 8-18 11-15 12-16 18-34 19-20 19-23 20-21 21-22 22-23 22-24 25-26
25-29 26-27 27-28 28-29 28-30

exact bonds :

1-7 11-12 12-13 13-14

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1: [*1], [*2], [*3]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 11:CLASS 12:CLASS
13:CLASS 14:CLASS 15:CLASS 16:CLASS 18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom
24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:CLASS 34:CLASS

by reduction)
IT 871210-78-5P 871210-80-9P 871210-82-1P 871210-84-3P 871210-86-5P
871210-88-7P 871210-90-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(stereoselective preparation of sulfanylalkanols via organocatalyzed asym.
conjugate addition of thiols to α,β -unsatd. aldehydes followed
by reduction)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L19 49 ANSWERS HCAPLUS COPYRIGHT 2006 ACS on STN
CC 10 (Organic Chemistry)
TI Esters of β -(benzylmercapto)valine and derivatives and intermediates
thereof
IT 159000-75-6, Valine, 3-(benzylthio)- 854430-74-3, Butyric acid,
3-(benzylthio)-3-methyl-2-nitro-
(esters)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L19 49 ANSWERS HCAPLUS COPYRIGHT 2006 ACS on STN
CC 10 (Organic Chemistry)
TI Alkaloid salts of N-formyl-S-benzyl-D-penicillamine
IT Brucine, compound with L- β -(benzylthio)-N-formylvaline
Quinidine, compound with β -(benzylmercapto)-N-formylvaline
Quinine, compound with 3-(benzylthio)-N-formylvaline
IT Valine, 3-(benzylthio)-N-formyl-, D-
(and their alkaloid salts)
IT 884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L-
(and their alkaloid salts)
IT 39879-63-5, Piperidine, 1-ethyl-, compound with penicillin G 54536-37-7,
Valine, 3-(benzylthio)-, D-
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

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SEL L6 1 RN
L11 1 S E1/RN
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STRUCTURE UPLOADED
L16 1 S L16 SSS SAM
L17 295 S L16 SSS FULL
L18

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006
L19 49 S L18

=> d l19 ibib hitstr

L19 ANSWER 1 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2006:496026 HCAPLUS <<LOGINID::20060908>>
DOCUMENT NUMBER: 145:8464
TITLE: Preparation of substituted amino carboxylic acids
INVENTOR(S): Whitehouse, Darren; Hu, Shaojing; Van Zandt, Michael
C.; Parker, Garrett
PATENT ASSIGNEE(S): The Institutes for Pharmaceutical Discovery, LLC, USA
SOURCE: PCT Int. Appl., 327 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006055725	A2	20060526	WO 2005-US41706	20051117
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,			

L19 ANSWER 2 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:477280 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 145:124491

TITLE: Synthesis of precursors of gem-difluoro diols and amino alcohols using electrochemical and photochemical reactions

AUTHOR(S): Murakami, Satoru; Fuchigami, Toshio

CORPORATE SOURCE: Department of Electronic Chemistry, Tokyo Institute of Technology, Nagatsuta, Midori-ku, Yokohama, 226-8502, Japan

SOURCE: Synlett (2006), (7), 1015-1020

CODEN: SYNLES; ISSN: 0936-5214

PUBLISHER: Georg Thieme Verlag

DOCUMENT TYPE: Journal

LANGUAGE: English

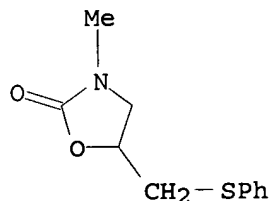
IT 897927-88-7

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of precursors of fluoro diols and amino alcs. by radical addition of olefins or radical substitution of arenes with [fluoro(phenylthio)methyl]dioxolanone and -oxazolidinone)

RN 897927-88-7 HCAPLUS

CN 2-Oxazolidinone, 3-methyl-5-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



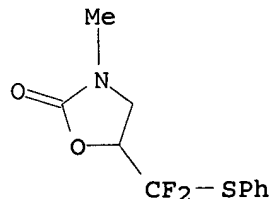
IT 897927-89-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of precursors of fluoro diols and amino alcs. by radical addition of olefins or radical substitution of arenes with [fluoro(phenylthio)methyl]dioxolanone and -oxazolidinone)

RN 897927-89-8 HCAPLUS

CN 2-Oxazolidinone, 5-[difluoro(phenylthio)methyl]-3-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:456702 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 145:145992

TITLE: Functionalized chiral vinyl aminosulfoxonium salts: Asymmetric synthesis and application to the synthesis of enantiopure unsaturated prolines, β,γ -

DOCUMENT NUMBER: 141:225498
 TITLE: Preparation 2-(sulfo-phenyl)-aminothiazole derivatives with antiproliferative activity
 INVENTOR(S): Chong, Wesley Kwan Mung; Chu, Shaosong; Duvadie, Rohit Kumar; Li, Lin; Na, Jim; Schaffer, Lana; Yang, Yi
 PATENT ASSIGNEE(S): Pfizer Inc., USA
 SOURCE: PCT Int. Appl., 179 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004072070	A1	20040826	WO 2004-IB287	20040203
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2515728	AA	20040826	CA 2004-2515728	20040203
EP 1594866	A1	20051116	EP 2004-707585	20040203
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2004007456	A	20060131	BR 2004-7456	20040203
JP 2006517577	T2	20060727	JP 2006-502399	20040203
US 2004176431	A1	20040909	US 2004-776450	20040211
PRIORITY APPLN. INFO.:			US 2003-447329P	P 20030212
			WO 2004-IB287	W 20040203

OTHER SOURCE(S): MARPAT 141:225498

IT 746626-44-8P 746626-82-4P 746627-21-4P

746627-59-8P 746627-98-5P 746628-46-6P

RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU

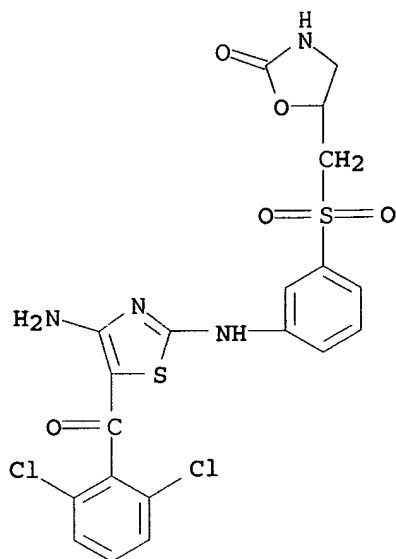
(Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study);

PREP (Preparation); USES (Uses)

(preparation and antiproliferative activity of a combinatorial library of diaminothiazoles via parallel combinatorial techniques)

RN 746626-44-8 HCAPLUS

CN 2-Oxazolidinone, 5-[[[4-[[4-amino-5-(2,6-dichlorobenzoyl)-2-thiazolyl]amino]phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

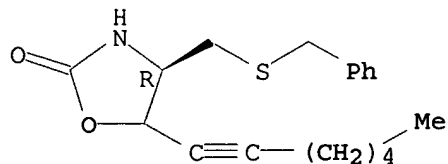


L19 ANSWER 24 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:507794 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 141:54120
 TITLE: Preparation of sphingomyelinase-inhibiting
 sphingomyelin analogs and their intermediates
 INVENTOR(S): Katsumura, Shigeo; Hakogi, Toshikazu; Taichi, Misako;
 Monden, Yoshiko; Iwama, Seiji; Shigenari, Toshihiko
 PATENT ASSIGNEE(S): Daiso Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 30 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004175735	A2	20040624	JP 2002-344914	20021128
PRIORITY APPLN. INFO.:			JP 2002-344914	20021128

OTHER SOURCE(S): MARPAT 141:54120
 IT 708295-71-0P 708295-72-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of sphingomyelin analogs as sphingomyelinase inhibitors)
 RN 708295-71-0 HCAPLUS
 CN 2-Oxazolidinone, 5-(1-heptynyl)-4-[[[(phenylmethyl)thio]methyl]-, (4R)-
 (9CI) (CA INDEX NAME)

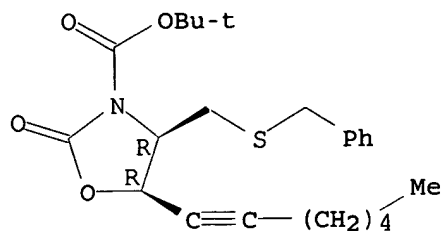
Absolute stereochemistry.



RN 708295-72-1 HCAPLUS

CN 3-Oxazolidinecarboxylic acid, 5-(1-heptynyl)-2-oxo-4-
 [[(phenylmethyl)thio]methyl]-, 1,1-dimethylethyl ester, (4R,5R)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 25 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:498539 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 141:190396

TITLE: Homochiral oxazolidin-2-ones and imidazolidin-2-ones

by tandem nucleophilic addition-conjugate addition

Ciclosi, Marco; Fava, Cristiana; Galeazzi, Roberta;

Orena, Mario; Gonzalez-Rosende, Maria Eugenia;

Sepulveda-Arques, Jose

CORPORATE SOURCE: Dipartimento di Scienze dei Materiali e della Terra,
 Universita Politecnica delle Marche, Ancona, I-60131,
 Italy

SOURCE: Tetrahedron: Asymmetry (2004), 15(12), 1937-1943

CODEN: TASYE3; ISSN: 0957-4166

PUBLISHER: Elsevier Science B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 141:190396

IT 740836-93-5P 740836-94-6P

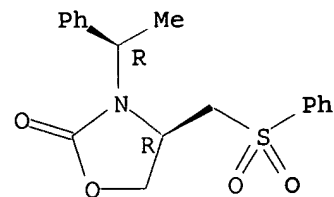
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of homochiral oxazolidin-2-ones and imidazolidin-2-ones by
 tandem nucleophilic addition-conjugate addition)

RN 740836-93-5 HCAPLUS

CN 2-Oxazolidinone, 3-[(1R)-1-phenylethyl]-4-[(phenylsulfonyl)methyl]-, (4R)-
 (9CI) (CA INDEX NAME)

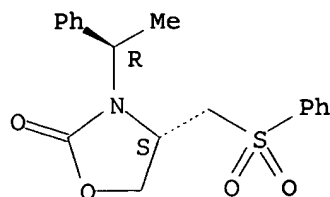
Absolute stereochemistry.



RN 740836-94-6 HCAPLUS

CN 2-Oxazolidinone, 3-[(1R)-1-phenylethyl]-4-[(phenylsulfonyl)methyl]-, (4S)-
 (9CI) (CA INDEX NAME)

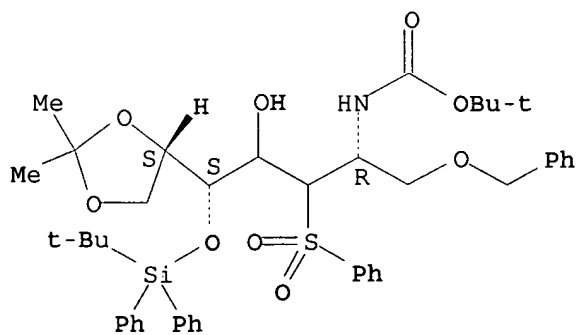
Absolute stereochemistry.



REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 26 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:479868 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 141:174336
 TITLE: Versatile Approach to Enantiopure 2,6-Disubstituted Piperidin-3-ol Framework: Application to the Total Synthesis of (+)-Deoxoprosopinine
 AUTHOR(S): Wang, Qian; Sasaki, N. Andre
 CORPORATE SOURCE: Institut de Chimie des Substances Naturelles, CNRS, Gif-sur-Yvette, 91198, Fr.
 SOURCE: Journal of Organic Chemistry (2004), 69(14), 4767-4773
 CODEN: JOCEAH; ISSN: 0022-3263
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 141:174336
 IT 732276-05-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of (+)-deoxoprosopinine from a chiral alc. via Julia olefination, and an intramol. N-alkylation)
 RN 732276-05-0 HCAPLUS
 CN D-xylo-Heptitol, 5,6-dideoxy-6-[[[(1,1-dimethylethoxy)carbonyl]amino]-3-O-[(1,1-dimethylethyl)diphenylsilyl]-1,2-O-(1-methylethylidene)-7-O-(phenylmethyl)-5-(phenylsulfonyl)-, (4ξ,5ξ)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

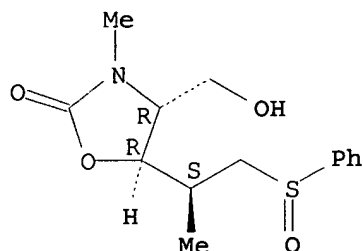


REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 27 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:189723 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 140:407083
 TITLE: Modular and stereoselective formal synthesis of MeBmt, an unusual amino acid constituent of cyclosporin A
 AUTHOR(S): Raghavan, Sadagopan; Rasheed, M. Abdul

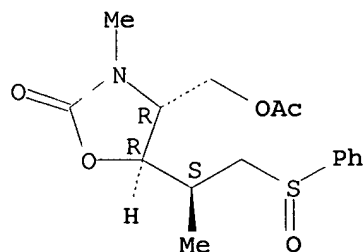
CORPORATE SOURCE: Organic Division I, Indian Institute of Chemical
Technology, Hyderabad, 500 007, India
SOURCE: Tetrahedron (2004), 60(13), 3059-3065
CODEN: TETRAB; ISSN: 0040-4020
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 140:407083
IT 689283-26-9P 689283-29-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(asym. synthesis of cyclosporin A fragment via regio- and
stereoselective bromohydrate of double bond utilizing sulfinyl group
as internal nucleophile)
RN 689283-26-9 HCAPLUS
CN 2-Oxazolidinone, 4-(hydroxymethyl)-3-methyl-5-[(1S)-1-methyl-2-
(phenylsulfinyl)ethyl]-, (4R,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 689283-29-2 HCAPLUS
CN 2-Oxazolidinone, 4-[(acetyloxy)methyl]-3-methyl-5-[(1S)-1-methyl-2-
(phenylsulfinyl)ethyl]-, (4R,5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 28 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1963:33208 HCAPLUS <<LOGINID::20060908>>
DOCUMENT NUMBER: 58:33208
ORIGINAL REFERENCE NO.: 58:5607g-h,5608a-d
TITLE: Synthesis of dl-2-amino-3,3-dimethylbutyrolactone
and bis-(dl-3-amino-3-carboxy-2,2-dimethylpropyl)
disulfide Homologs of penicillamine and penicillamine
disulfide
AUTHOR(S): Kukolja, S.
CORPORATE SOURCE: Pliva, Pharm. Chem. Works, Zagreb, Yugoslavia
SOURCE: Tetrahedron (1962), 18, 1161-4

CODEN: TETRAB; ISSN: 0040-4020

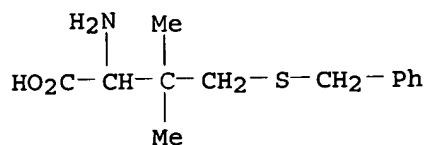
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 778524-58-6, Butyric acid, 2-amino-4-(benzylthio)-3,3-dimethyl-
(preparation of)

RN 778524-58-6 HCAPLUS

CN Valine, 3-[[[(phenylmethyl)thio]methyl]- (9CI) (CA INDEX NAME)



L19 ANSWER 29 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1958:113247 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 52:113247

ORIGINAL REFERENCE NO.: 52:19965g-i

TITLE: Contrast media. Preparation of β -(3-amino-2,4,6-triiodophenyl)propionic acid for cholecystography

AUTHOR(S): Scaglia, A.

CORPORATE SOURCE: Ist. Alexander Fleming, Milan

SOURCE: Bollettino Chimico Farmaceutico (1958), 97, 195-6

CODEN: BCFAAI; ISSN: 0006-6648

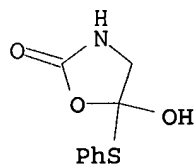
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 876506-49-9, 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)-
(derivs.)

RN 876506-49-9 HCAPLUS

CN 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)- (6CI) (CA INDEX NAME)



L19 ANSWER 30 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1958:113246 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 52:113246

ORIGINAL REFERENCE NO.: 52:19965e-g

TITLE: Acceleration of the splitting of S- α -aminoacyl
compounds by bicarbonateAUTHOR(S): Wieland, Theodor; Lambert, Rudolf; Lang, Hans Ulrich;
Schramm, Gunther

CORPORATE SOURCE: Univ. Frankfurt, Germany

SOURCE: Ann. (1955), 597, 181-95

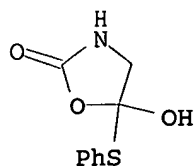
DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

IT 876506-49-9, 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)-
(derivs.)

RN 876506-49-9 HCAPLUS

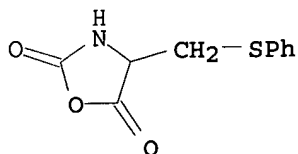
CN 2-Oxazolidinone, 5-hydroxy-5-(phenylthio)- (6CI) (CA INDEX NAME)



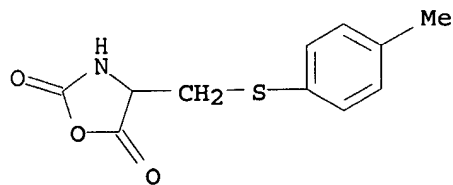
L19 ANSWER 31 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1955:84410 HCAPLUS
 DOCUMENT NUMBER: 49:84410
 ORIGINAL REFERENCE NO.: 49:15952a
 TITLE: Amino acid anhydrides
 INVENTOR(S): Richardson, Geo. A.
 PATENT ASSIGNEE(S): Monsanto Chemical Co.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2716647		19550830	US 1952-301791	19520730
IT	872806-70-7, 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- 875226-38-3, 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (preparation of)				
RN	872806-70-7 HCAPLUS				
CN	2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- (5CI) (CA INDEX NAME)				



RN 875226-38-3 HCAPLUS
 CN 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (5CI) (CA INDEX NAME)

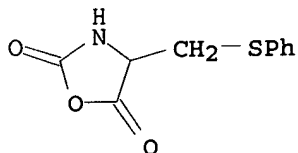


L19 ANSWER 32 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

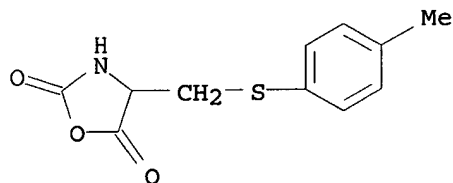
ACCESSION NUMBER: 1955:84409 HCAPLUS
 DOCUMENT NUMBER: 49:84409
 ORIGINAL REFERENCE NO.: 49:15951f-i,15952a
 TITLE: Amino acid anhydrides
 INVENTOR(S): Richardson, Geo. A.
 PATENT ASSIGNEE(S): Monsanto Chemical Co.
 DOCUMENT TYPE: Patent

LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 717045		19541020	GB 1951-21264	19510910
IT	872806-70-7, 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]-				
	875226-38-3, 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)-				
	(preparation of)				
RN	872806-70-7 HCAPLUS				
CN	2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- (5CI) (CA INDEX NAME)				



RN 875226-38-3 HCAPLUS
 CN 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (5CI) (CA INDEX NAME)



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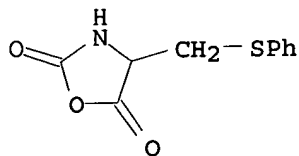
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 => d 119 ibib hitstr 32-49

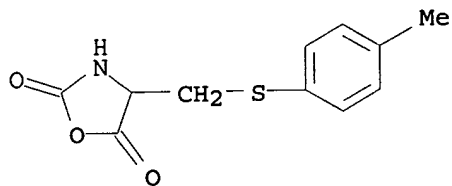
L19 ANSWER 32 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1955:84409 HCAPLUS
 DOCUMENT NUMBER: 49:84409
 ORIGINAL REFERENCE NO.: 49:15951f-i,15952a
 TITLE: Amino acid anhydrides
 INVENTOR(S): Richardson, Geo. A.
 PATENT ASSIGNEE(S): Monsanto Chemical Co.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 717045		19541020	GB 1951-21264	19510910
IT	872806-70-7, 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]-				
	875226-38-3, 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)-				
	(preparation of)				

RN 872806-70-7 HCAPLUS
 CN 2,5-Oxazolidinedione, 4-[(phenylthio)methyl]- (5CI) (CA INDEX NAME)



RN 875226-38-3 HCAPLUS
 CN 2,5-Oxazolidinedione, 4-(p-tolylthiomethyl)- (5CI) (CA INDEX NAME)



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=> d l19 ibib hitstr 33
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If this message appears repeatedly, please notify the Help Desk.
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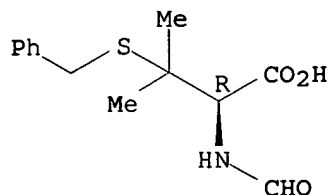
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L19 ANSWER 34 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1951:44461 HCAPLUS
 DOCUMENT NUMBER: 45:44461
 ORIGINAL REFERENCE NO.: 45:7602a-d
 TITLE: Alkaloid salts of N-formyl-S-benzyl-D-penicillamine
 INVENTOR(S): Mozingo, Ralph; McPherson, James F.; Folkers, Karl
 PATENT ASSIGNEE(S): Merck & Co., Inc.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	US 2539854		19510130	US 1946-684790	19460719
IT	884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L- (and their alkaloid salts)				
RN	884311-31-3 HCAPLUS				
CN	Valine, 3-(benzylthio)-N-formyl-, L- (5CI) (CA INDEX NAME)				

Absolute stereochemistry.



=> fi

FI IS NOT A RECOGNIZED COMMAND

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=> fil hcaplus

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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FILE 'HCAPLUS' ENTERED AT 15:57:10 ON 08 SEP 2006

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(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:50:10 ON 08 SEP 2006

L1 STRUCTURE UPLOADED

L2 4 S L1 SSS SAM

L3 359 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:51:42 ON 08 SEP 2006

L4 338 S L3

L5 1 S L4 AND SULFANYL

FILE 'HOME' ENTERED AT 14:53:33 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:54:08 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:54:46 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:57:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006

L6 1 S 618112-24-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:59:19 ON 08 SEP 2006

L7 STR 618112-24-6

L8 0 S L7 EXA SAM

L9 1 S 618112-24-6/RN

FILE 'USPATFULL' ENTERED AT 15:00:44 ON 08 SEP 2006

L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:02:05 ON 08 SEP 2006

SET TERMSET E#
DEL SEL Y
SEL L6 1 RN

L11 1 S E1/RN
SET TERMSET LOGIN

FILE 'CA' ENTERED AT 15:02:10 ON 08 SEP 2006

L12 1 S L11

FILE 'HOME' ENTERED AT 15:03:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:04:34 ON 08 SEP 2006

FILE 'HOME' ENTERED AT 15:08:12 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 15:23:28 ON 08 SEP 2006

L13 68 S L4 AND NORBORNENE

L14 12 S L3 AND MERCAPTO?

L15 3 S L4 AND SEX?

FILE 'HOME' ENTERED AT 15:30:27 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:52:23 ON 08 SEP 2006

L16 STRUCTURE UPLOADED

L17 1 S L16 SSS SAM

L18 295 S L16 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006

L19 49 S L18

FILE 'HCAPLUS' ENTERED AT 15:57:10 ON 08 SEP 2006

=> d l19 ibib hitstr 33-49
COMMAND INTERRUPTED

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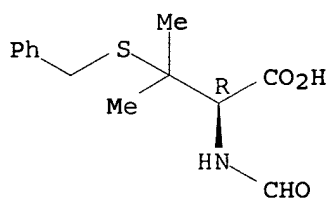
=> d l19 ibib hitstr 34

L19 ANSWER 34 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1951:44461 HCAPLUS
DOCUMENT NUMBER: 45:44461

ORIGINAL REFERENCE NO.: 45:7602a-d
TITLE: Alkaloid salts of N-formyl-S-benzyl-D-penicillamine
INVENTOR(S): Mozingo, Ralph; McPherson, James F.; Folkers, Karl
PATENT ASSIGNEE(S): Merck & Co., Inc.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	US 2539854		19510130	US 1946-684790	19460719
IT	884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L-				
	(and their alkaloid salts)				
RN	884311-31-3 HCAPLUS				
CN	Valine, 3-(benzylthio)-N-formyl-, L- (5CI)			(CA INDEX NAME)	

Absolute stereochemistry.

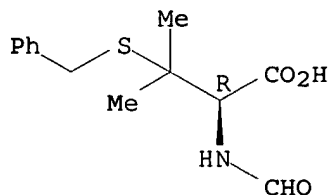


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L19 ANSWER 35 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1951:44460 HCAPLUS
DOCUMENT NUMBER: 45:44460
ORIGINAL REFERENCE NO.: 45:7601g-i
TITLE: Resolution of N-formyl-DL-penicillamine
INVENTOR(S): du Vigneaud, Vincent; Holley, Robert W.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

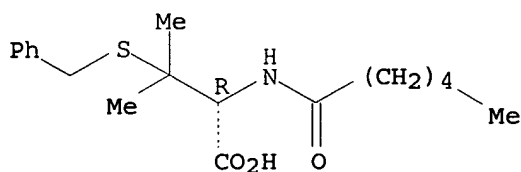
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	US 2543358		19510227	US	
IT	884311-31-3, Valine, 3-(benzylthio)-N-formyl-, L-				
	(preparation of)				
RN	884311-31-3 HCAPLUS				
CN	Valine, 3-(benzylthio)-N-formyl-, L- (5CI)			(CA INDEX NAME)	

Absolute stereochemistry.

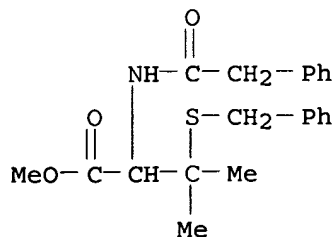


L19 ANSWER 36 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1951:36133 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 45:36133
 ORIGINAL REFERENCE NO.: 45:6186h-i,6187a-i,6188a
 TITLE: The chemistry of n-amympenicillin up to December 1943
 AUTHOR(S): Cook, A. H.; Heilbron, I. M.
 CORPORATE SOURCE: Princeton Univ. Press
 SOURCE: Chem. of Penicillin (1949) 38-51
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 882742-24-7, Valine, 3-(benzylthio)-N-hexanoyl-
 (preparation of)
 RN 882742-24-7 HCAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

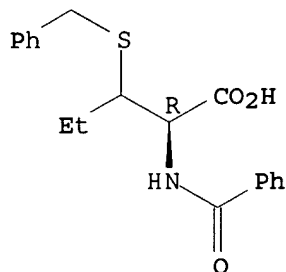


L19 ANSWER 37 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1950:49327 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 44:49327
 ORIGINAL REFERENCE NO.: 44:9435c-i,9436a-i,9437a-i,9438a-i,9439a-i,9440a-c
 TITLE: Penicillamine, its analogs and homologs
 AUTHOR(S): Crooks, Harry M., Jr.
 CORPORATE SOURCE: Parke, Davis & Co., Detroit, MI
 SOURCE: Chemistry of Penicillin (H. T. Clarke, et al.)
 (Princeton Univ. Press) (1949) 455-72
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 859799-68-1, Phenaceturic acid, α -[1-(benzylthio)-1-methylethyl]-, methyl ester 882741-83-5, Norvaline, N-benzoyl-3-(benzylthio)- 882742-24-7, Valine, 3-(benzylthio)-N-hexanoyl- 883878-77-1, Norvaline, 3-(benzylthio)- 884310-56-9, Valine, 3-(benzylthio)-N-chloroacetyl- 884310-61-6, Valine, N-benzoyl-3-(benzylthio)-, methyl ester
 (preparation of)
 RN 859799-68-1 HCAPLUS
 CN Phenaceturic acid, α -[1-(benzylthio)-1-methylethyl]-, methyl ester
 (5CI) (CA INDEX NAME)



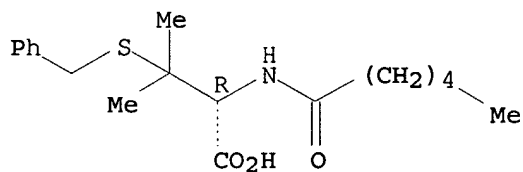
RN 882741-83-5 HCAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



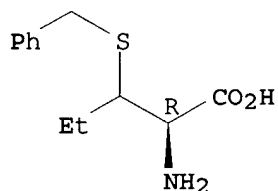
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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



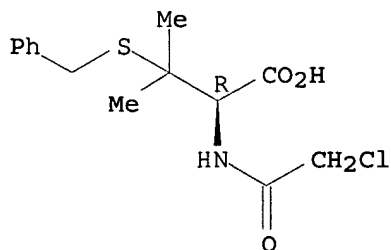
RN 883878-77-1 HCAPLUS
CN Norvaline, 3-(benzylthio)- (5CI) (CA INDEX NAME)

Absolute stereochemistry.



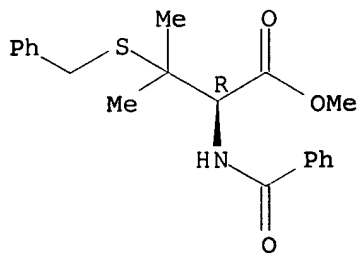
RN 884310-56-9 HCAPLUS
CN Valine, 3-(benzylthio)-N-chloroacetyl- (5CI) (CA INDEX NAME)

Absolute stereochemistry.

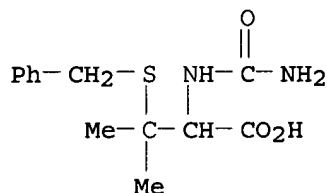


RN 884310-61-6 HCAPLUS
 CN Valine, N-benzoyl-3-(benzylthio)-, methyl ester (5CI) (CA INDEX NAME)

Absolute stereochemistry.

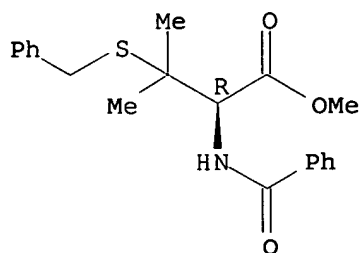


L19 ANSWER 38 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1950:12603 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 44:12603
 ORIGINAL REFERENCE NO.: 44:2513b-g
 TITLE: Penicillin. VIII. Desulfurization and racemization of some penicillin derivatives
 AUTHOR(S): Tatsuoka, Sueo; Miyamoto, Masuo
 SOURCE: Yakugaku Zasshi (1949), 69, 294-7
 CODEN: YKKZAJ; ISSN: 0031-6903
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 860254-25-7, Hydantoic acid, 2-[1-(benzylthio)-1-methylethyl]- (preparation of)
 RN 860254-25-7 HCAPLUS
 CN Hydantoic acid, 2-[1-(benzylthio)-1-methylethyl]- (5CI) (CA INDEX NAME)



L19 ANSWER 39 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1950:12602 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 44:12602
 ORIGINAL REFERENCE NO.: 44:2512f-i,2513a-b
 TITLE: Penicillin. VII. Further syntheses of penicillamine
 AUTHOR(S): Tatsuoka, Sueo; Ueno, Takenobu; Kinoshita, Tomoji
 SOURCE: Yakugaku Zasshi (1949), 69, 291-4
 CODEN: YKKZAJ; ISSN: 0031-6903
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 884310-61-6, Valine, N-benzoyl-3-(benzylthio)-, methyl ester (preparation of)
 RN 884310-61-6 HCAPLUS
 CN Valine, N-benzoyl-3-(benzylthio)-, methyl ester (5CI) (CA INDEX NAME)

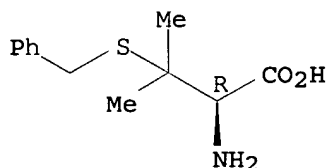
Absolute stereochemistry.



L19 ANSWER 40 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1950:763 HCAPLUS
 DOCUMENT NUMBER: 44:763
 ORIGINAL REFERENCE NO.: 44:171e-h
 TITLE: Preparing penicillamines
 INVENTOR(S): Sheehan, John C.; Tishler, Max
 PATENT ASSIGNEE(S): Merck & Co., Inc.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2477149		19490726	US 1947-725148	19470129
IT	882742-28-1, Valine, 3-(benzylthio)-, hydrobromide (preparation of)				
RN	882742-28-1 HCAPLUS				
CN	INDEX NAME NOT YET ASSIGNED				

Absolute stereochemistry.



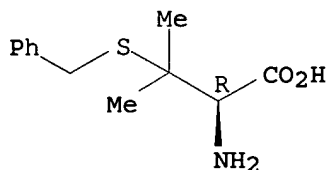
● HBr

=> d l19 ibib hitstr 40-49

L19 ANSWER 40 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1950:763 HCAPLUS
 DOCUMENT NUMBER: 44:763
 ORIGINAL REFERENCE NO.: 44:171e-h
 TITLE: Preparing penicillamines
 INVENTOR(S): Sheehan, John C.; Tishler, Max
 PATENT ASSIGNEE(S): Merck & Co., Inc.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2477149		19490726	US 1947-725148	19470129
IT	882742-28-1, Valine, 3-(benzylthio)-, hydrobromide (preparation of)				
RN	882742-28-1 HCAPLUS				
CN	INDEX NAME NOT YET ASSIGNED				

Absolute stereochemistry.

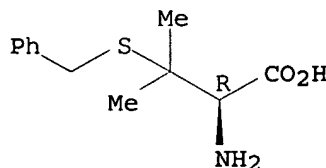


● HBr

L19 ANSWER 41 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1950:762 HCAPLUS
DOCUMENT NUMBER: 44:762
ORIGINAL REFERENCE NO.: 44:171c-e
TITLE: 2-Alkyl-5,5-dimethyl-2-thiazoline-4-carboxylic acids
INVENTOR(S): Sheehan, John C.; Mazingo, Ralph; Folkers, Karl;
Tishler, Max
PATENT ASSIGNEE(S): Merck & Co., Inc.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2477148		19490726	US 1946-656512	19460322
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RN	882742-28-1 HCAPLUS				
CN	INDEX NAME NOT YET ASSIGNED				

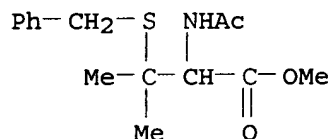
Absolute stereochemistry.



● HBr

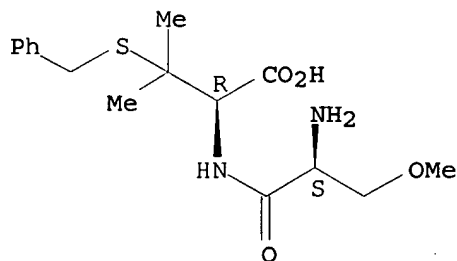
L19 ANSWER 42 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1949:49621 HCAPLUS <<LOGINID::20060908>>
DOCUMENT NUMBER: 43:49621

ORIGINAL REFERENCE NO.: 43:8891f-i,8892a-h
 TITLE: Infrared spectroscopic studies of penicillin
 AUTHOR(S): Thompson, H. W.; Brattain, R. R.; Randall, H. M.;
 Rasmussen, R. S.
 SOURCE: Chemistry of Penicillin (H. T. Clarke, et al.)
 (Princeton Univ. Press) (1949) 382-414
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 879553-98-7, Penicillamine, S-benzyl-N-acetyl-, DL-, Me ester
 (spectrum of)
 RN 879553-98-7 HCAPLUS
 CN Valine, N-acetyl-3-(benzylthio)-, DL-, Me ester (5CI) (CA INDEX NAME)



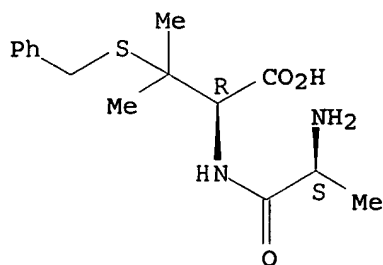
L19 ANSWER 43 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1949:25050 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 43:25050
 ORIGINAL REFERENCE NO.: 43:4668i,4669a-f
 TITLE: Action of hydrazine hydrate on oxazolones
 AUTHOR(S): Stodola, Frank H.
 SOURCE: Journal of Organic Chemistry (1948), 13, 757-62
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 882742-21-4, Valine, 3-(benzylthio)-N-3-methoxyalanyl-
 882742-32-7, Valine, N-alanyl-3-(benzylthio)- 884311-29-9
 , Valine, 3-(benzylthio)-N-[α-(methoxymethyl)phenaceturoyl]-
 (preparation of)
 RN 882742-21-4 HCAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



RN 882742-32-7 HCAPLUS
 CN INDEX NAME NOT YET ASSIGNED

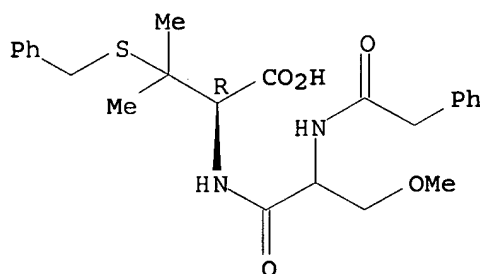
Relative stereochemistry.



RN 884311-29-9 HCAPLUS

CN Valine, 3-(benzylthio)-N-[alpha-(methoxymethyl)phenaceturoyl]- (5CI)
(CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 44 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1949:25049 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 43:25049

ORIGINAL REFERENCE NO.: 43:4667e-i,4668a-i

TITLE: Syntheses in the penicillin series. II. Attempts to synthesize the penicillin framework

AUTHOR(S): Sus, Oskar

SOURCE: Ann. (1948), 561, 31-46

DOCUMENT TYPE: Journal

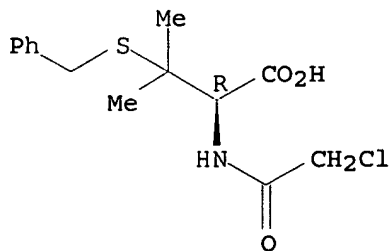
LANGUAGE: Unavailable

IT 884310-56-9, Valine, 3-(benzylthio)-N-chloroacetyl-
(and derivs.)

RN 884310-56-9 HCAPLUS

CN Valine, 3-(benzylthio)-N-chloroacetyl- (5CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 882742-21-4, Valine, 3-(benzylthio)-N-3-methoxyalanyl-

882742-32-7, Valine, N-alanyl-3-(benzylthio)- 884311-29-9

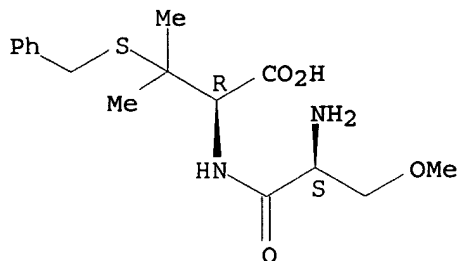
, Valine, 3-(benzylthio)-N-[alpha-(methoxymethyl)phenaceturoyl]-

(preparation of)

RN 882742-21-4 HCAPLUS

CN INDEX NAME NOT YET ASSIGNED

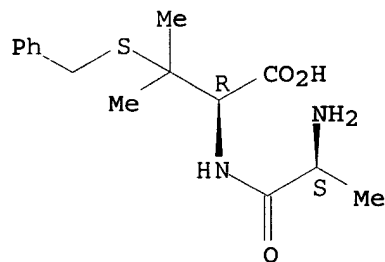
Relative stereochemistry.



RN 882742-32-7 HCAPLUS

CN INDEX NAME NOT YET ASSIGNED

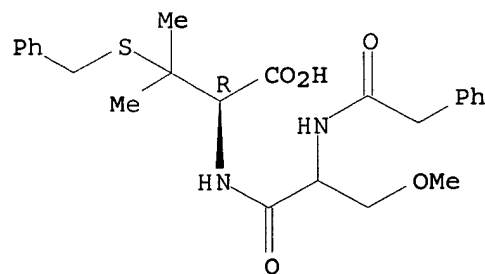
Relative stereochemistry.



RN 884311-29-9 HCAPLUS

CN Valine, 3-(benzylthio)-N-[α-(methoxymethyl)phenaceturoyl] - (5CI)
(CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 45 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1949:13177 HCAPLUS <<LOGINID::20060908>>

DOCUMENT NUMBER: 43:13177

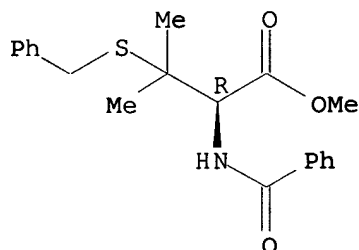
ORIGINAL REFERENCE NO.: 43:2618c-d

TITLE: Synthetic studies on penicillin. I. Synthesis of
dl-S-benzyl-N-benzoylpenicillamineAUTHOR(S): Tatsuoko, Sueo; Miyamoto, Masuo; Shiu, Rin; Tamura,
Takashi

SOURCE: J. Penicillin (Japan) (1947), 1, 382-3

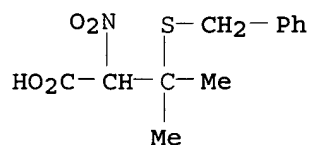
DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 IT 884310-61-6, Penicillamine, S-benzyl-N-benzoyl-, methyl ester
 (preparation of)
 RN 884310-61-6 HCAPLUS
 CN Valine, N-benzoyl-3-(benzylthio)-, methyl ester (5CI) (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 46 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1949:8436 HCAPLUS
 DOCUMENT NUMBER: 43:8436
 ORIGINAL REFERENCE NO.: 43:1796f-h
 TITLE: Esters of β -(benzylmercapto)valine and
 derivatives and intermediates thereof
 PATENT ASSIGNEE(S): American Cyanamid Co.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

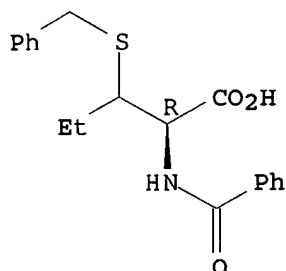
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	GB 609722		19481006	GB	
IT	854430-74-3, Butyric acid, 3-(benzylthio)-3-methyl-2-nitro-				
	(esters)				
RN	854430-74-3 HCAPLUS				
CN	Butyric acid, 3-(benzylthio)-3-methyl-2-nitro- (5CI) (CA INDEX NAME)				



L19 ANSWER 47 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1948:10258 HCAPLUS <<LOGINID::20060908>>
 DOCUMENT NUMBER: 42:10258
 ORIGINAL REFERENCE NO.: 42:2234h-i,2235a
 TITLE: α -Amino- β -mercaptovaleric acid
 hydrochloride
 AUTHOR(S): Corse, Joseph; Kleiderer, E. C.; Soper, Quentin F.
 CORPORATE SOURCE: Eli Lilly & Co., Indianapolis, IN
 SOURCE: Journal of the American Chemical Society (1948), 70,
 438-9
 CODEN: JACSAT; ISSN: 0002-7863
 DOCUMENT TYPE: Journal

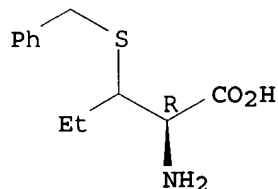
LANGUAGE: Unavailable
IT 882741-83-5, Norvaline, N-benzoyl-3-(benzylthio)-
883878-77-1, Norvaline, 3-(benzylthio)-
(preparation of)
RN 882741-83-5 HCAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



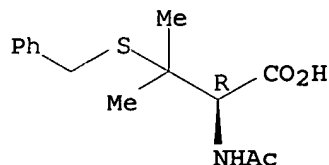
RN 883878-77-1 HCAPLUS
CN Norvaline, 3-(benzylthio)- (5CI) (CA INDEX NAME)

Absolute stereochemistry.



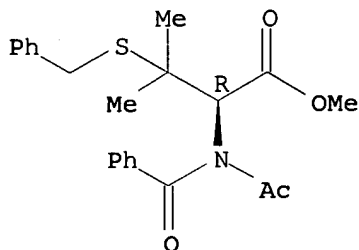
L19 ANSWER 48 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1946:31122 HCAPLUS <<LOGINID::20060908>>
DOCUMENT NUMBER: 40:31122
ORIGINAL REFERENCE NO.: 40:6054d-i,6055a-b
TITLE: Synthesis of a new α -amino acid,
S-methyl- β,β -dimethylcysteine
AUTHOR(S): Savard, Kenneth; Richardson, Edwin M.; Grant, Gordon
A.
CORPORATE SOURCE: Ayerst, McKenna and Harrison Ltd., Montreal, QC
SOURCE: Can. J. Research (1946), 24B, 28-36
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 898814-92-1, Valine N-acetyl-, β -(benzylmercapto)-
(and derivs.)
RN 898814-92-1 HCAPLUS
CN Valine N-acetyl-, β -(benzylmercapto)- (4CI) (CA INDEX NAME)

Absolute stereochemistry.

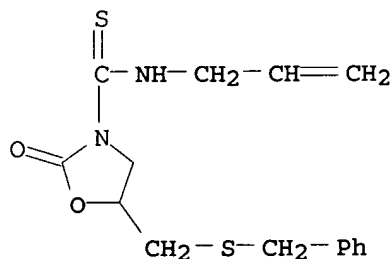


IT 898814-98-7, Valine N-acetyl-, N-benzoyl-β-(benzylmercapto)-, Me ester
(preparation of)
RN 898814-98-7 HCAPLUS
CN Valine N-acetyl-, N-benzoyl-β-(benzylmercapto)-, Me ester (4CI) (CA INDEX NAME)

Absolute stereochemistry.



L19 ANSWER 49 OF 49 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1929:18525 HCAPLUS <<LOGINID::20060908>>
DOCUMENT NUMBER: 23:18525
ORIGINAL REFERENCE NO.: 23:2177a-i,2178a-c
TITLE: Tautomerism of some heterocyclic compounds
AUTHOR(S): Fromm, Emil; Kapelleradler, Regine; Friedenthal, W.; Stangel, L.; Edlitz, J.; Braumann, E.; Nussbaum, J.
CORPORATE SOURCE: Lab. med. Chemie zu Wien
SOURCE: Ann. (1928), 467, 240-74
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 856336-85-1, 2-Oxazolidone, 3-(allylthiocarbamyl)-5-(benzylmercaptomethyl)- 858016-99-6, 2-Oxazolidone, 5-(benzylmercaptomethyl)-3-(phenylthiocarbamyl)- (preparation of)
RN 856336-85-1 HCAPLUS
CN 2-Oxazolidone, 3-(allylthiocarbamyl)-5-(benzylmercaptomethyl)- (3CI) (CA INDEX NAME)



RN 858016-99-6 HCAPLUS
CN 2-Oxazolidone, 5-(benzylmercaptomethyl)-3-(phenylthiocarbamyl)- (3CI) (CA INDEX NAME)

=> d his

(FILE 'HOME' ENTERED AT 14:49:42 ON 08 SEP 2006)

FILE 'REGISTRY' ENTERED AT 14:50:10 ON 08 SEP 2006
L1 STRUCTURE UPLOADED
L2 4 S L1 SSS SAM
L3 359 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 14:51:42 ON 08 SEP 2006
L4 338 S L3
L5 1 S L4 AND SULFANYL

FILE 'HOME' ENTERED AT 14:53:33 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:54:08 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:54:46 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 14:57:33 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 14:57:59 ON 08 SEP 2006
L6 1 S 618112-24-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 14:59:19 ON 08 SEP 2006
L7 STR 618112-24-6
L8 0 S L7 EXA SAM
L9 1 S 618112-24-6/RN

FILE 'USPATFULL' ENTERED AT 15:00:44 ON 08 SEP 2006
L10 1 S L9

FILE 'REGISTRY' ENTERED AT 15:02:05 ON 08 SEP 2006
SET TERMSET E#
DEL SEL Y
SEL L6 1 RN
L11 1 S E1/RN
SET TERMSET LOGIN

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L12 1 S L11

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FILE 'REGISTRY' ENTERED AT 15:04:34 ON 08 SEP 2006

FILE 'HOME' ENTERED AT 15:08:12 ON 08 SEP 2006

FILE 'HCAPLUS' ENTERED AT 15:23:28 ON 08 SEP 2006
L13 68 S L4 AND NORBORNENE
L14 12 S L3 AND MERCAPTO?
L15 3 S L4 AND SEX?

FILE 'HOME' ENTERED AT 15:30:27 ON 08 SEP 2006

FILE 'REGISTRY' ENTERED AT 15:52:23 ON 08 SEP 2006
L16 STRUCTURE UPLOADED
L17 1 S L16 SSS SAM
L18 295 S L16 SSS FULL

FILE 'HCAPLUS' ENTERED AT 15:53:40 ON 08 SEP 2006